ELSEVIER

Neuroscience Letters 349 (2003) 217–219

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 349

Volume 349, no. 1

Involvement of calcitonin gene-related peptide and its receptor in anti-nociception in the periaqueductal grey of rats
L.-C. Yu, X.-H. Weng, J.-W. Wang, T. Lundeberg (China, Sweden) 1

Decreased spinal alpha2a- and alpha2c-adrenergic receptor subtype mRNA in a rat model of neuropathic pain
J.W. Leiphart, C.V. Dills, R.M. Levy (USA) 5

Evidence of association between gamma-aminobutyric acid type A receptor genes located on 5q34 and female patients with mood disorders
K. Yamada, A. Watanabe, Y. Iwayama-Shigeno, T. Yoshikawa (Japan) 9

Upregulation of 'peripheral-type' benzodiazepine receptors in the globus pallidus in a sub-acute rat model of manganese neurotoxicity
A.S. Hazell, L. Normandin, B. Nguyen, G. Kennedy (Canada) 13

Amiloride inhibition of glycinergic miniature IPSCs in mechanically dissociated rat spinal neurons
Y. Li, Y.-F. Li, T.-L. Xu (China) 17

Continuous administration of antisense oligonucleotides to c-*fos* reduced the development of seizure susceptibility after ethacrynic acid-induced seizure in mice
J. Suzukawa, K. Omori, L. Yang, C. Inagaki (Japan) 21

An important role of corticotropin-releasing hormone in electroacupuncture normalizing the subnormal function of hypothalamus-pituitary-ovary axis in ovariectomized rats
H. Zhao, Z.-Z. Tian, B.-Y. Chen (PR China) 25

Expression pattern of glypican-1 mRNA after brain injury in mice
S. Hagino, K. Iseki, T. Mori, Y. Zhang, N. Sakai, S. Yokoya, T. Hikake, S. Kikuchi, A. Wanaka (Japan) 29

Excessive production of nitric oxide induces the neuronal cell death in lipopolysaccharide-treated rat hippocampal slice culture
P. Lee, D. Son, J. Lee, Y.S. Kim, H. Kim, S.Y. Kim (South Korea) 33

N-Methyl-D-aspartate receptor subunit expression and phosphorylation following excitotoxic spinal cord injury in rats
R.M. Caudle, F.M. Perez, C. King, C.-G. Yu, R.P. Yezierski (USA) 37

Vanilloid receptor VR1-positive afferents are distributed differently at different levels of the rat lumbar spinal cord
S.J. Hwang, J.G. Valtschanoff (South Korea, USA) 41

Ethanol-induced alteration in *N*-methyl-D-aspartate receptor 2A C-terminus and protein kinase C activity in rat brain
R. Sultana, P.P. Babu (India, USA) 45

Potentiation of penile erection and yawning responses to apomorphine by cannabinoid receptor antagonist in rats
G.E. da Silva, M.S. Fernandes, R.N. Takahashi (Brazil) 49

Impairment of a parabolic bursting rhythm by the ectopic expression of a small conductance Ca^{2+}-activated K^+ channel in *Aplysia* neuron R15
Y. Lee, J.-H. Han, C.-S. Lim, D.-J. Chang, Y.-S. Lee, H. Soh, C.-S. Park, B.-K. Kaang (South Korea) 53

Selective changes in gamma-aminobutyric acid type A receptor subunits in the hippocampus in spontaneously seizing rats with chronic temporal lobe epilepsy
H.B. Laurén, A. Pitkänen, J. Nissinen, S.L. Soini, E.R. Korpi, I.E. Holopainen (Finland) 58

Microglial activation and tyrosine hydroxylase immunoreactivity in the substantia nigral region following transient focal ischemia in rats
Y. Huh, J.W. Jung, C. Park, J.R. Ryu, C.Y. Shin, W.-K. Kim, J.H. Ryu (South Korea) 63

No association between micrometer-sized particles in human cerebrospinal fluid and schizophrenia
J. Ekelund, K. Wahlbeck, N. Bäck (Finland) 68

Volume 349, no. 2

Neuropeptide W-immunoreactivity in the hypothalamus and pituitary of the rat
S.L. Dun, G.C. Brailoiu, J. Yang, J.K. Chang, N.J. Dun (USA) 71

Centrally administered ghrelin suppresses sympathetic nerve activity in brown adipose tissue of rats
T. Yasuda, T. Masaki, T. Kakuma, H. Yoshimatsu (Japan) 75

Evidence for the different additivity of the temporal and frontal generators of mismatch negativity: a human auditory event-related potential study
P. Paavilainen, M. Mikkonen, M. Kilpeläinen, R. Lehtinen, M. Saarela, L. Tapola (Finland) 79
Time course of EEG background activity level before spontaneous awakening in the second semester of human life
C. Zampi, I. Fagioli, P. Salzarulo (Italy) 83
Propentofylline rapidly normalizes mitochondrial respiration in a gerbil low flow unilateral forebrain ischemia
M. Turcani, A. Pavlik, P. Turcani (Kuwait, Slovak Republic) 87
Caroverine inhibits the conditioned place aversion induced by naloxone-precipitated morphine withdrawal in rats
U. Kratzer, W.J. Schmidt (Germany) 91
Myeloperoxidase G-463A polymorphism and Alzheimer's disease in the ApoEurope study
B. Leininger-Muller, A. Hoy, B. Herbeth, M. Pfister, J.-M. Serot, M. Stavljenic-Rukavina, L. Massana, P. Passmore, G. Siest, S. Visvikis (France, Croatia, Spain, UK) 95
Contribution of action to perception of self-orientation in humans
L. Tremblay, D. Elliott (USA, Canada) 99
The effects of enhanced visual feedback on human synchronization
T. Ceux, M.J. Buekers, G. Montagne (Belgium, France) 103
Inhibition of willardiine-induced currents through rat GluR6/KA-2 kainate receptor channels by Zinc and other divalent cations
T. Fukushima, R. Shingai, T. Ogurusu, M. Ichinose (Japan) 107
Rat cerebral serine racemase: amino acid deletion and truncation at carboxy terminus
R. Konno (Japan) 111
Enhanced hypotensive response to intravenous apomorphine in chronic spinalized, conscious rats: role of spinal dopamine D_1 and D_2 receptors
S. Lahlou (Brazil) 115
A temporal window for the central inhibition of stuttering via exogenous speech signals in adults
T. Saltuklaroglu, J. Kalinowski, V.N. Dayalu, V.K. Guntupalli, A. Stuart, M.P. Rastatter (USA) 120
Age-related changes in brain responses to personally known faces: an event-related potential (ERP) study in humans
L. Chaby, N. George, B. Renault, N. Fiori (France) 125
Effects of hyperthermia on infarct volume in focal embolic model of cerebral ischemia in rats
R. Noor, C.X. Wang, A. Shuaib (Canada) 130
Epitope mapping and specificity of the anti-α-synuclein monoclonal antibody Syn-1 in mouse brain and cultured cell lines
R.J. Perrin, J.E. Payton, D.H. Barnett, C.L. Wraight, W.S. Woods, L. Ye, J.M. George (USA) 133
Free fatty acids in cerebrospinal fluids from patients with traumatic brain injury
J.G. Pilitsis, W.M. Coplin, M.H. O'Regan, J.M. Wellwood, F.G. Diaz, M.R. Fairfax, D.B. Michael, J.W. Phillis (USA) 136

Volume 349, no. 3

κ-Opioid withdrawal in *Planaria*
R.B. Raffa, G.W. Stagliano, S. Umeda (USA) 139
Prenatal cocaine exposure alters glycogen synthase kinase-3β (GSK3β) pathway in select rabbit brain areas
M. Gil, X. Zhen, E. Friedman (USA) 143
Central neuro-inflammatory gene response following soman exposure in the rat
A.J. Williams, R. Berti, C. Yao, R.A. Price, L.C. Velarde, I. Koplovitz, S.M. Schultz, F.C. Tortella, J.R. Dave (USA) 147
Nitric oxide synthase containing periglomerular cells are GABAergic in the rat olfactory bulb
C. Crespo, F.J. Gracia-Llanes, J.M. Blasco-Ibáñez, M. Gutièrrez-Mecinas, A.I. Marqués-Marí, F.J. Martínez-Guijarro (Spain) 151
Ischemia/reperfusion-induced changes of hypothalamic-pituitary-adrenal (HPA) activity is opioid related in Sprague–Dawley rat
C.-M. Hsueh, J.-S. Kuo, S.-F. Chen (Taiwan) 155
Haplogroup analysis of the risk associated with APOE promoter polymorphisms (−219T/G, −491A/T and −427T/C) in Colombian Alzheimer's disease patients
G. Parra-Bonilla, G. Arboleda, J. Yunis, E. Solano, R. Pardo, G. Arango, D. Hedmont, H. Arboleda (Colombia, UK) 159
Differential age-related changes in the regional metencephalic volumes in humans: a 5-year follow-up
N. Raz, K.M. Rodrigue, K.M. Kennedy, C. Dahle, D. Head, J.D. Acker (USA) 163
Immunocytochemical localization of extracellular signal-regulated kinases 1 and 2 phosphorylated neurons in the brainstem of rat following visceral noxious stimulation
M. Gioia, C. Moscheni, S. Galbiati, N. Gagliano (Italy) 167
No association between the dihydropyrimidinase-related protein 2 (DRP-2) gene and bipolar disorder in humans
K. Nakata, H. Ujike, Y. Tanaka, M. Takaki, A. Sakai, A. Nomura, T. Katsu, N. Uchida, T. Imamura, Y. Fujiwara, T. Hamamura, S. Kuroda (Japan) 171
Overexpression of receptor-type protein tyrosine phosphatase β causes abnormal development of the cranial nerve in *Xenopus* embryos

S. Nagata, Y. Yamada, R. Saito, N. Fujita (Japan) 175
Neurochemical analysis of brain monoamines after L-histidine and chlorpheniramine administration in goldfish
C.C. Medalha, E.M. Santangelo, R. Mattioli (Brazil) 179
Cerebral ischemia immediately increases serine phosphorylation of the synaptic RAS-GTPase activating protein SynGAP by calcium/calmodulin-dependent protein kinase II α in hippocampus of rats
B. Song, F. Meng, X. Yan, J. Guo, G. Zhang (PR China) 183
Reorganization in the ipsilateral motor cortex of patients with lower limb amputation
P. Schwenkreis, B. Pleger, B. Cornelius, U. Weyen, R. Dertwinkel, M. Zenz, J.-P. Malin, M. Tegenthoff (Germany) 187
Time-course of the expression of inflammatory cytokines and matrix metalloproteinases in the striatum and mesencephalon of mice injected with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, a dopaminergic neurotoxin
G. Hébert, J. Arsaut, R. Dantzer, J. Demotes-Mainard (France) 191
Electrophysiological effects of acute and chronic olanzapine and fluoxetine in the rat prefrontal cortex
B.S. Gronier, K. Rasmussen (UK) 196
Increased TUNEL positive cells in human alcoholic brains
Y. Ikegami, S. Goodenough, Y. Inoue, P.R. Dodd, P.A. Wilce, I. Matsumoto (Japan, Australia) 201
An association study of a brain-derived neurotrophic factor Val66Met polymorphism and clozapine response of schizophrenic patients
C.-J. Hong, Y.W.-Y. Yu, C.-H. Lin, S.-J. Tsai (Taiwan, ROC) 206
Association study between late-onset Alzheimer's disease and the transferrin gene polymorphisms in Chinese
P. Zhang, Z. Yang, C. Zhang, Z. Lu, X. Shi, W. Zheng, C. Wan, D. Zhang, C. Zheng, S. Li, F. Jin, L. Wang (China) 209
Erratum to "Lack of association of interleukin-10 promoter region polymorphisms with Alzheimer's disease" [Neuroscience Letters 342 (2003) 132–134]
C. Depboylu, Y. Du, U. Müller, A. Kurz, R. Zimmer, M. Riemenschneider, T. Gasser, W.H. Oertel, T. Klockgether, R.C. Dodel (Germany, USA) 212

Author index 213
Volume of contents 217